

Application No. 10/820,660

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier.

1. (Original) A pump assembly for an implantable prosthesis, comprising:
  - a housing having an outer wall with at least a portion of the outer wall being compressible;
  - a first flow valve positioned within the housing and having a seated and an unseated position; and
  - a bar positioned within the housing and moveable between a first and a second position so that when the bar is moved from the first position to the second position the bar causes the first flow valve to move from the seated to the unseated position.
2. (Original) The pump assembly of claim 1, wherein the outer wall further comprises:
  - a first compressible side wall positioned to intersect an axis defined by a path of travel of the first flow valve from the seated to the unseated position;
  - a second compressible side wall adjacent to the first compressible side wall, located such that a first portion of the bar is adjacent to the first compressible side wall and a second portion of the bar is adjacent to the second compressible side wall so that if either the first or the second compressible side wall is compressed, the bar is caused to engage the first flow valve and move the first flow valve from the seated to the unseated position.
3. (Original) The pump assembly of claim 2 wherein the housing has a substantially rectangular configuration with the first compressible side wall being shorter than the second compressible side wall.

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4. (Original) The pump assembly of claim 3 wherein the second portion of the bar is substantially parallel with the second compressible side wall when the second compressible side wall is in an uncompressed state.
5. (Original) The pump assembly of claim 4 wherein an interior angle formed between the first portion of the bar and the second portion of the bar is obtuse.
6. (Original) The pump assembly of claim 2 wherein the bar includes stainless steel.
7. (Original) The pump assembly of claim 2 wherein the bar includes plastic.
8. (Original) The pump assembly of claim 3 wherein the first portion of the bar includes a curved free end wherein a curvature of the free end operatively associates with a curvature of the first flow valve.
9. (Original) The pump assembly of claim 8 wherein the curvature of the free end also operatively associates with a curvature of an interior portion of the outer wall.
10. (Original) The pump assembly of claim 2, further comprising:  
a pump bulb coupled to the housing, wherein the pump bulb has a first exterior texture and the housing has a second exterior texture that is different than the first exterior texture.
11. (Original) The pump of claim 10 wherein the second exterior texture includes a plurality of raised panels.
12. (Original) The pump of claim 11 wherein the raised panels are circular.

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13. (Original) The pump assembly of claim 2 further comprising a second flow valve positioned such that when the first flow valve is moved from the seated to the unseated position, the first flow valve contacts the second flow valve and moves the second flow valve from a seated to an unseated position.

14. - 33. (Cancelled)

34. (Original) A pump and valve assembly for an inflatable prosthesis, comprising:  
a unitary molded valve block; and  
a unitary molded shell attached to the valve block wherein the shell include a pump bulb.

35. (Original) A pump assembly for an implantable prosthesis, comprising:  
a housing having an outer wall with at least a portion of the outer wall being compressible;  
a first flow valve positioned within the housing and having a seated and an unseated position; and  
a bar positioned within the housing, the bar comprising a spring and being moveable between a first and a second position so that when the bar is moved from the first position to the second position the bar causes the first flow valve to move from the seated to the unseated position.

36. (Original) The assembly of claim 35 wherein the bar has a bend connecting a first portion and a second portion of the bar, at least one rib extending the first and second portions of the bar such that the bend augments the spring, the outer wall further comprising:  
a first compressible side wall positioned to intersect an axis defined by a path of travel of the first flow valve from the seated to the unseated position; and  
a second compressible side wall adjacent to the first compressible side wall, located such that the first portion of the bar is adjacent to the first compressible side wall and the second portion of the bar is adjacent to the second compressible side wall so that if either the first or the

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second compressible side wall is compressed, the bar causes the first flow valve to move from the seated to the unseated position.

37. (Original) The assembly of claim 36 wherein the bar is a thin elongate member, an end portion of the second portion of the bar engaging an end of the first flow valve when the bar is in the first position.
38. (Original) The assembly of claim 36 wherein the second portion of the bar is substantially parallel with the second compressible side wall when the second compressible side wall is in an uncompressed state.
39. (Original) The assembly of claim 38 wherein the at least one rib extending across the bend is shaped to as to make the bar stiff, such that resistance to deflection forces is enhanced.
40. (Original) The assembly of claim 39 wherein the first portion of the bar comprises at least one rib centrally located on thereon, such that the when the first portion of the bar is compressed by the first compressible side wall compression forces exerted on the first portion of the bar are distributed substantially evenly along the first portion of the bar.
41. (Original) The assembly of claim 35 wherein the first flow valve comprises a synthetic portion and a metal portion.
42. (Original) The assembly of claim 37 wherein a segment of the first flow valve includes a plastic member disposed thereon such that the bar contacts the plastic member when the bar is in the first position.
43. (Original) The assembly of claim 36 further comprising a support member coupled to the housing, wherein the support member contacts a portion of the first flow valve in such as manner as to prevent sideways movement of the first flow valve.

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44. (Original) The assembly of claim 43 wherein the support member further comprises a shelf in contact with the first flow valve.

45. – 60. (Cancelled).